

ELECTRICAL INSPECTOR I

(Department of Neighborhood Services)

PURPOSE: An Electrical Inspector I inspects wiring and electrical equipment in all existing and new commercial and residential buildings for compliance with appropriate codes.

ESSENTIAL FUNCTIONS:

- ♦ Inspects wiring and electrical equipment in structures.
- ♦ Conducts inspections stemming from complaints.
- ♦ Inspects for removal of any hazards and alterations reported.
- ♦ Performs other essential functions as required.

CONDITIONS OF EMPLOYMENT:

- ♦ The person in this position is required to wear approved clothing and maintain this clothing to comply with the Department dress code.
- ♦ The Electrical Inspector I must wear proper Personal Protective Equipment (PPE), perform field work that is at times physically demanding, and sometimes work in unpleasant environmental conditions.

Reasonable accommodations requested by qualified individuals with disabilities will be made in accordance with the Americans with Disabilities Act (ADA) of 1990.

MINIMUM REQUIREMENTS:

1. Must meet State of Wisconsin Department of Commerce requirements to receive a Commercial Electrical Inspector Certification under either Method 1 or Method 2.

Method 1 – Hours of Experience and Examination

Completing the necessary hours of experience and taking and passing the commercial electrical certification examination.

- a. At least 1,000 hours per year for at least six years of experience in electrical construction work.
If a person has successfully completed semesters in a school of electrical engineering or other accredited college, university, technical, or vocational school in an electrical-related program, the applicant may claim 500 hours of experience for each semester up to a total of 3,000 hours towards the required experience.

-OR-

- b. At least 1,000 hours per year for at least three years of experience in electrical construction work and has a degree in Electrical Engineering from an accredited college or university;

-OR-

- c. At least 1,000 hours per year for at least three years of experience in electrical construction work and holds a credential under ch. 443, Stats., as a registered professional engineer, a registered architect, or a certified designer of electrical systems.

Method 2 – Submitting Evidence of Holding a Current Certification

Submitting evidence of currently holding one of the following certifications:

- a. Master electrician issued under s. Comm. 5.43.

-OR-

- b. Commercial Electrical Inspector certification issued by the International Code Council.

-OR-

- c. Master Electrical Inspector certification issued under the International Association of Electrical Inspectors.

2. At least 1000 hours per year for at least three years in design or installation of electrical equipment specifically related to construction in residential or commercial buildings.
3. Certification as a commercial electrical inspector by the State of Wisconsin Department of Commerce.
Individuals not possessing this certification may apply for and compete in the examination for this position. Certification will be required within six months of appointment. Certification is tested for and issued by the State of Wisconsin. Applicants should call (608) 261-8500 for further information about the certification process.
4. Residence in the City of Milwaukee within six months of appointment and throughout employment.
5. Valid Wisconsin driver's license and availability of a properly insured personal car for use on the job (*car allowance provided*) at time of appointment and throughout employment.

KNOWLEDGE, SKILLS, ABILITIES, AND OTHER CHARACTERISTICS:

- ♦ Knowledge of federal, state, and local electrical codes.
- ♦ Knowledge of the practices, materials, and tools used in the installation of electrical systems.
- ♦ Knowledge of the methods and instruments used to test electrical installations.
- ♦ Knowledge of how to perform all work in a safe manner.
- ♦ Knowledge of mathematics and ability to perform accurate calculations.
- ♦ Ability to read and interpret electrical codes and electrical plans.
- ♦ Ability to inspect electrical installations to identify the causes of problems or defects.
- ♦ Problem-solving skills and ability to make sound decisions.
- ♦ Ability to explain technical information clearly.
- ♦ Ability to interact effectively with builders, contractors, consultants, fellow employees, and the public.
- ♦ Ability to exercise tact and diplomacy when working with people who are upset.
- ♦ Ability to use a computer to enter, retrieve, and route information as well as conduct research and draft reports.
- ♦ Ability to plan and accomplish work and to work within deadlines.
- ♦ Ability to stay up-to-date technically and apply new knowledge to work tasks.

THE CURRENT SALARY RANGE (SG 549) IS: \$51,455 to \$60,432 with excellent benefits.

*Upon successful completion of two years of work experience, the employee may be eligible for promotion to the **Electrical Inspector II (SG 589)** level (current salary range \$58,671 to \$66,035).*

THE SELECTION PROCESS will be job related and will consist of one or more of the following: training and experience evaluation; written, oral or performance tests; or other assessment methods. The Department of Employee Relations reserves the right to call only the most qualified candidates to oral and performance examinations. Oral examinations may include written exercises. Selection process component weights will be determined by further analysis of the job.

The examination will be held as soon as practical after **September 10, 2010**. Receipt of applications may be discontinued at any time after this date without prior notice, however, recruitment may continue until the needs of the City have been met. Qualified applicants will be notified by mail of the date, time and place of the examination.

APPLICATIONS and further information may be obtained from www.milwaukee.gov/jobs or in person or via mail from City of Milwaukee Department of Employee Relations, Room 706, City Hall, 200 East Wells Street, Milwaukee WI 53202-3554, by calling 414.286.3751.